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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/777,121 | 02/05/2001 | Shanta Modak | A32359-A | 8537 |
| 21003 | 7590 | 01/30/2004 | | |
| BAKER & BOTTS 30 ROCKEFELLER PLAZA NEW YORK, NY 10112 | | | EXAMINER KENNEDY, SHARON E | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 3762 | |
| | | | DATE MAILED: 01/30/2004 | |

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/777,121

Applicant(s)

MODAK ET AL.

Examiner

Sharon Kennedy

Art Unit

3762

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 December 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 22-29 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 22-29 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
- a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 9.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

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DETAILED ACTION

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action or the MPEP.

Double Patenting

Claims 22-29 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-9 and 20 of U.S. Patent No. 6,224,579. Although the conflicting claims are not identical, they are not patentably distinct from each other because the claims of this application overlap or are broader than the claims of the parent.

Claim Rejections - 35 USC § 103

Claims 22-29 are rejected under 35 U.S.C. 103(a) as being unpatentable over Modak, US 5,567,495.

It is agreed that Modak emphasizes the use of chlorhexidine. However, it is prima facie obvious to eliminate an object (chlorhexidine) and its function (antimicrobial effect) in the absense of a showing of criticality. Applicant has done nothing more than eliminate the chlorhexidine in view of the fact that is may be irritating to a patient. This does not result in an unexpected and nonobvious invention.

Claims 22-29 are rejected under 35 U.S.C. 103(a) as being unpatentable over Capelli, US 6,093,414. Capelli is dedicated th the use of silver-based antimicrobial compositions for use in application to a polymer matrix such as by dipping, etc. See column 20, lines 28+. Note the use of Triclosan in Example 23, although this is to make a topical composition. However, Capelli clearly states that the antimicrobial

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compositions can be applied to the surface of a dressing (column 15, line 50, for example). Note the disclosure of polymer matrix materials set forth in column 18, lines 47+. Note that the addition of salicylic acid is clearly contemplated (column 16, line 54). In summary, the examiner takes the position that Capelli is dedicated to making the silver antimicrobial compositions which may then be used in many ways, including by dipping a polymer matrix into the silver ion complexes. Accordingly, it would be obvious to use the composition of Capelli Example 23, and apply that to a medical article to arrive at the claimed invention, since that is specifically contemplated by Capelli. Regarding claim 29, Capelli states that the compositions can be applied to any substrate as long as it is not metal. Therefore, it would be obvious to apply the Capelli composition to the PTFE graft. Regarding claim 24 wherein the hydrogel comprises polyvinylpyrrolidone, Capelli discloses poly ethylene glycol which is a similar type of polymer and considered an equivalent for the purpose of the invention.

Response to Arguments

Applicant's arguments with respect to the claims have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

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A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sharon Kennedy whose telephone number is 703/305-0154. The examiner can normally be reached on Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Angela Sykes can be reached on 703/308-5181. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703/308-0858.


Sharon Kennedy
Primary Examiner